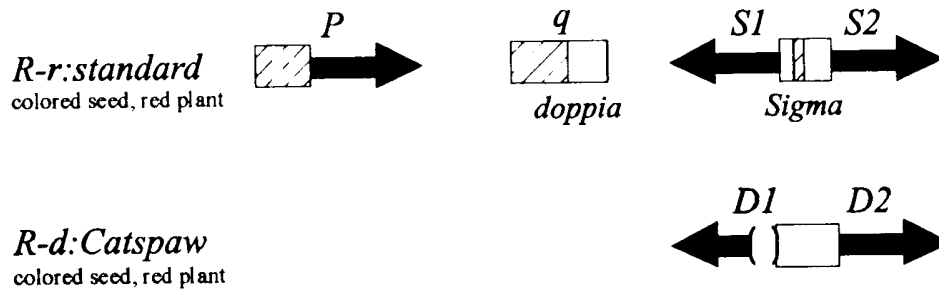
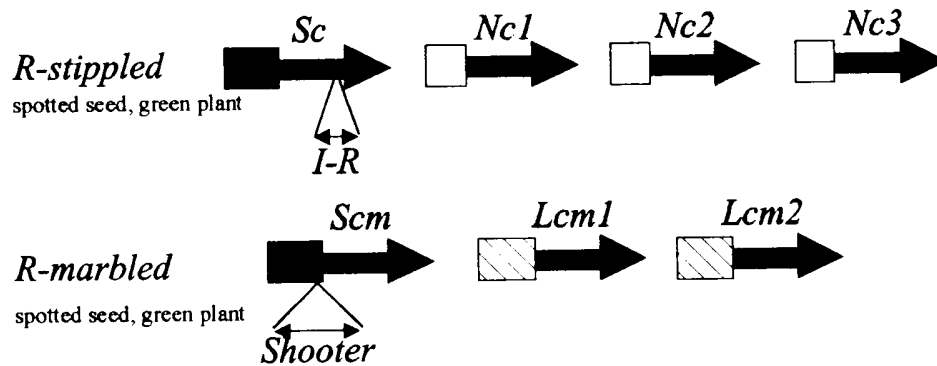


Figure 1

A Paramutable



Paramutagenic



B

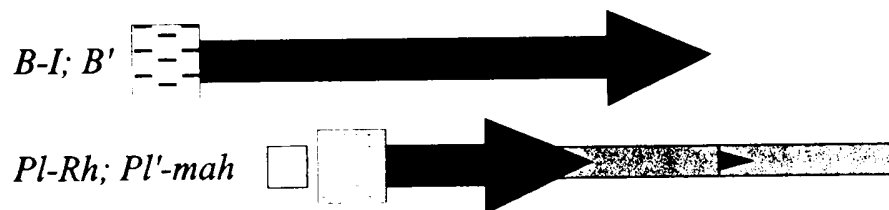


Figure 2

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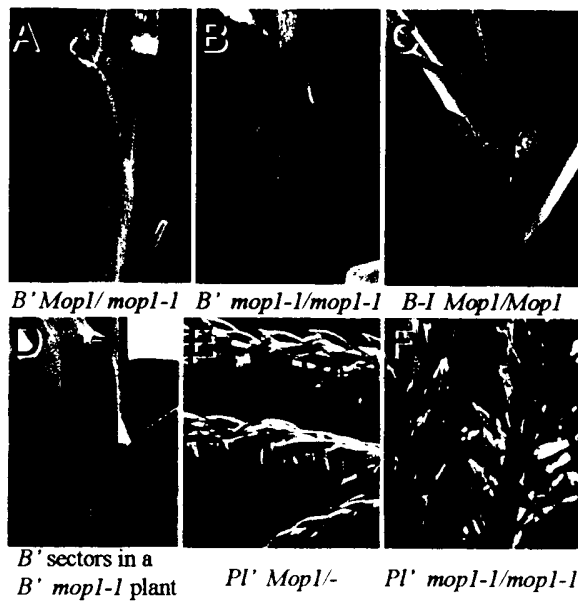


Figure 3

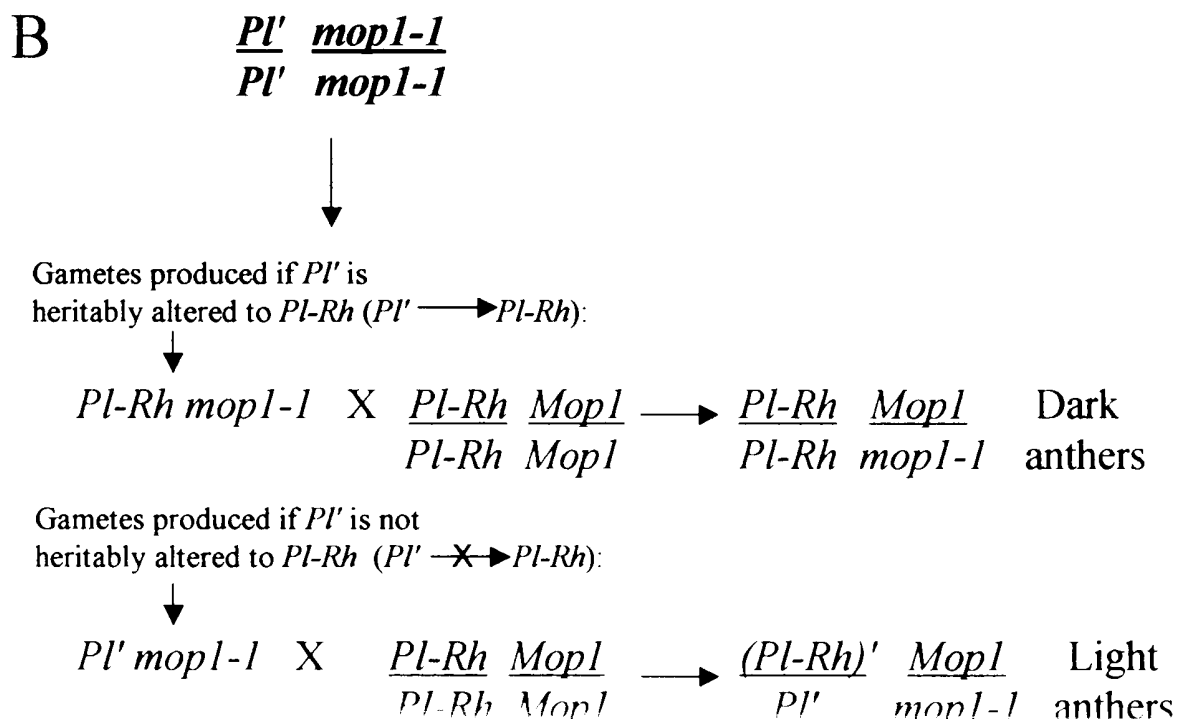
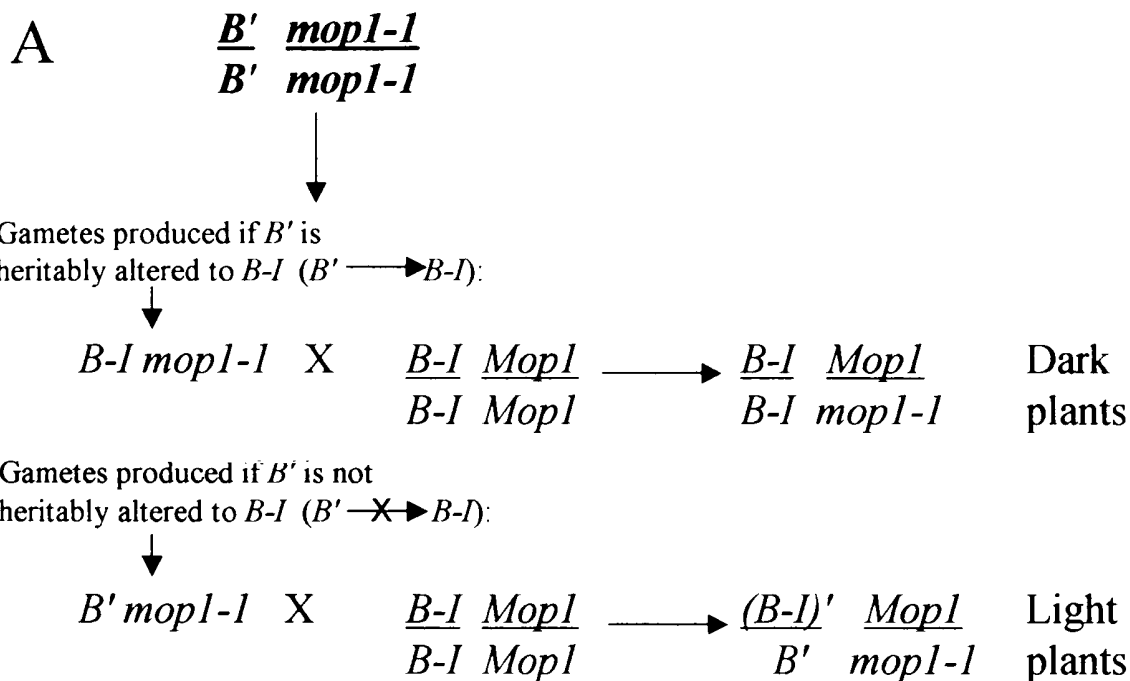


Figure 4

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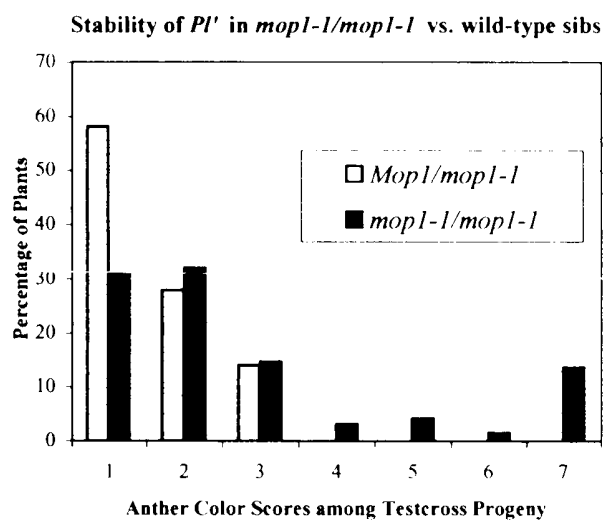


Figure 5

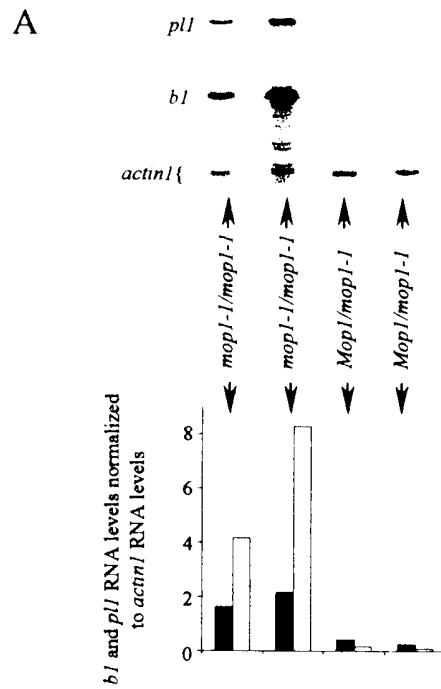
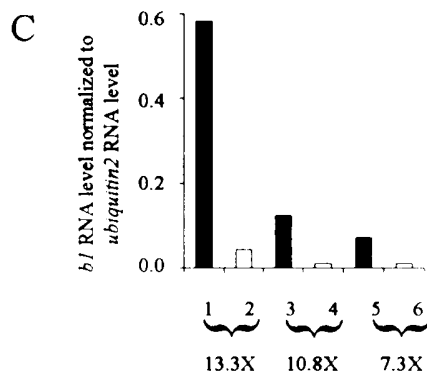
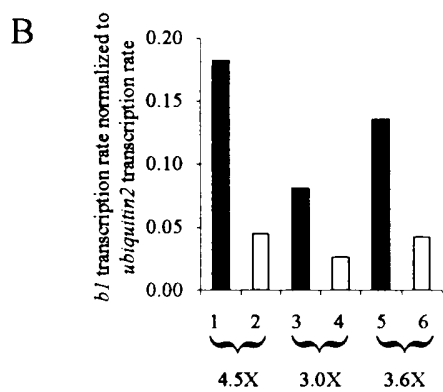
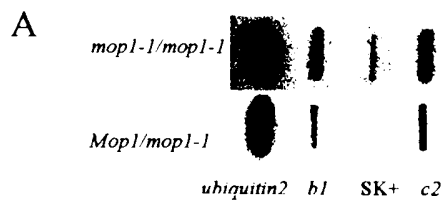
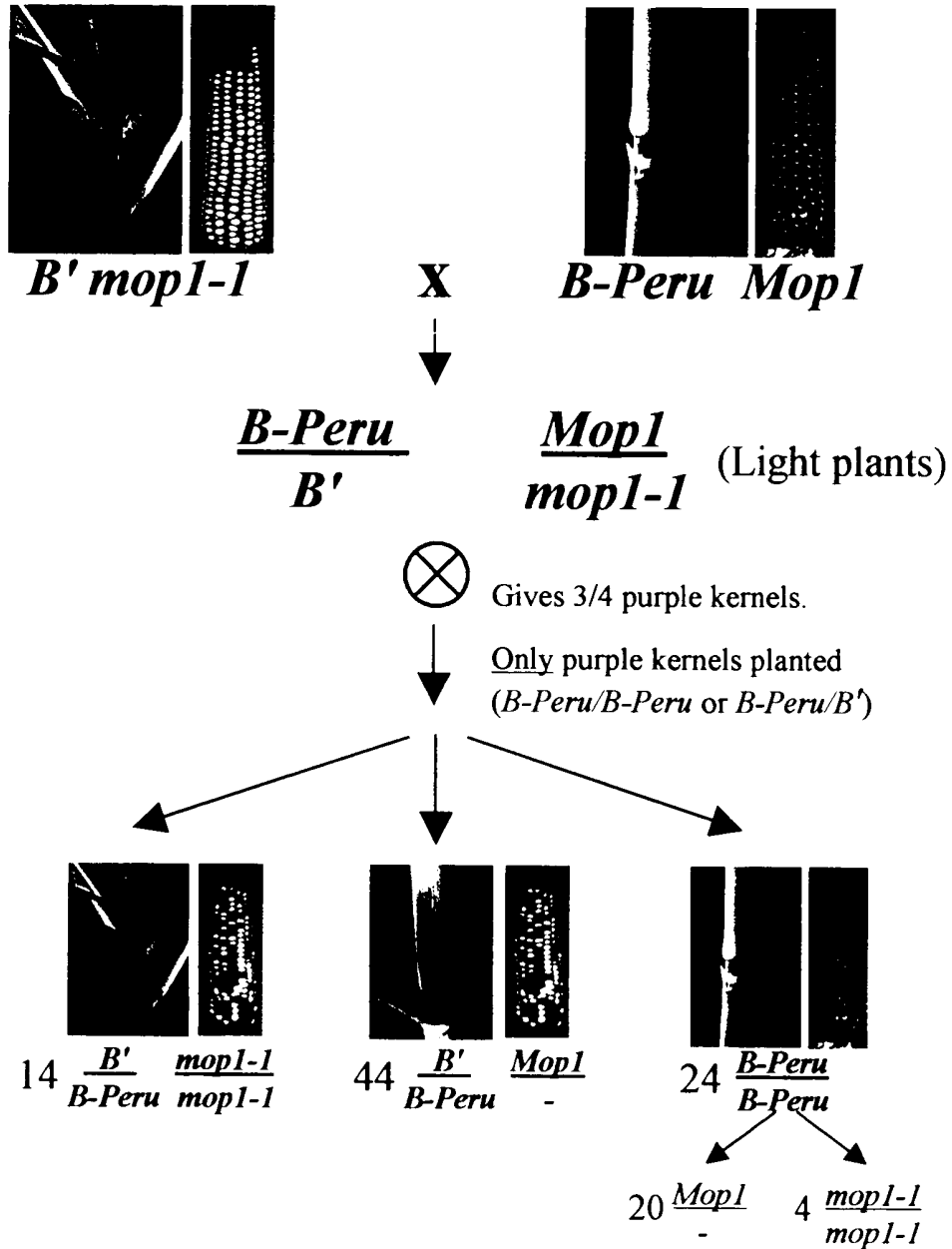
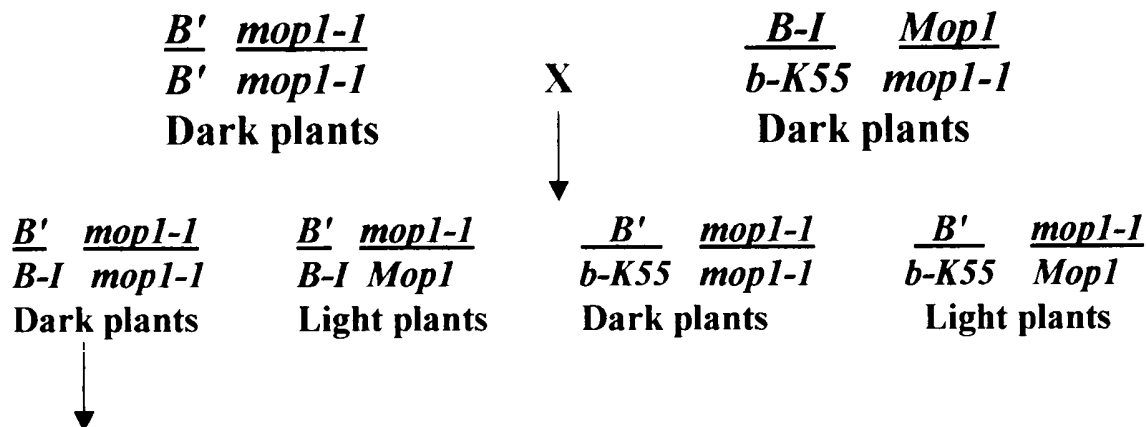


Figure 6







Testcross (by *B-Peru/B-I Mop1/Mop1* tester--diagram shows only *B-Peru* gametes of tester)

Gametes produced if paramutation
is prevented (*B-I* → ~~X~~ → *B'*):

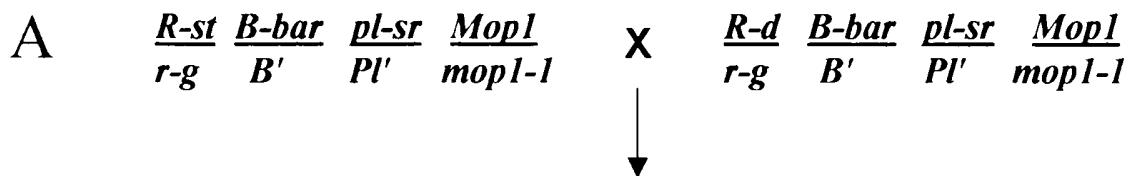
50% *B' mop1-1* X *B-Peru Mop1* → *B'* *mop1-1* Light
B-Peru Mop1 *Mop1* plants

50% *B-I mop1-1* X *B-Peru Mop1* → *B-I* *mop1-1* Dark
B-Peru Mop1 *Mop1* plants

Gametes produced if paramutation
occurred (*B-I* → *B'*):

100% *B' mop1-1* X *B-Peru Mop1* → *B'* *mop1-1* Light
B-Peru Mop1 *Mop1* plants

Figure 9



Four genotypes of interest among *R-d/- Pl'/-* progeny:

$\frac{3}{16}$	<u><i>R-d</i></u>	<u><i>Mop1</i></u>	Light plant
	<i>r-g</i>	-	
$\frac{3}{16}$	<u><i>R-d</i></u>	<u><i>Mop1</i></u>	Light plant
	<i>R-st</i>	-	
$\frac{1}{16}$	<u><i>R-d</i></u>	<u><i>mop1-1</i></u>	Dark plant
	<i>r-g</i>	<i>mop1-1</i>	
$\frac{1}{16}$	<u><i>R-d</i></u>	<u><i>mop1-1</i></u>	Dark plant
	<i>R-st</i>	<i>mop1-1</i>	

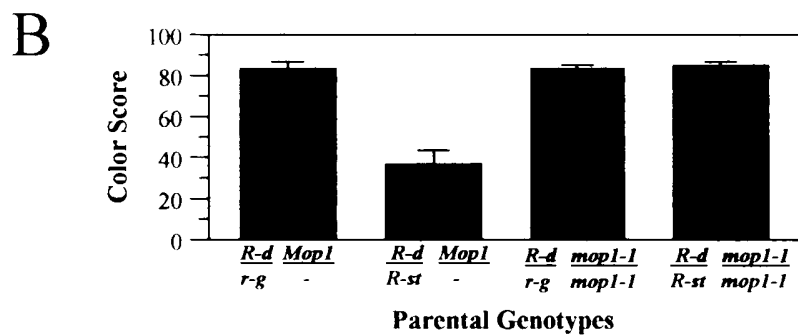


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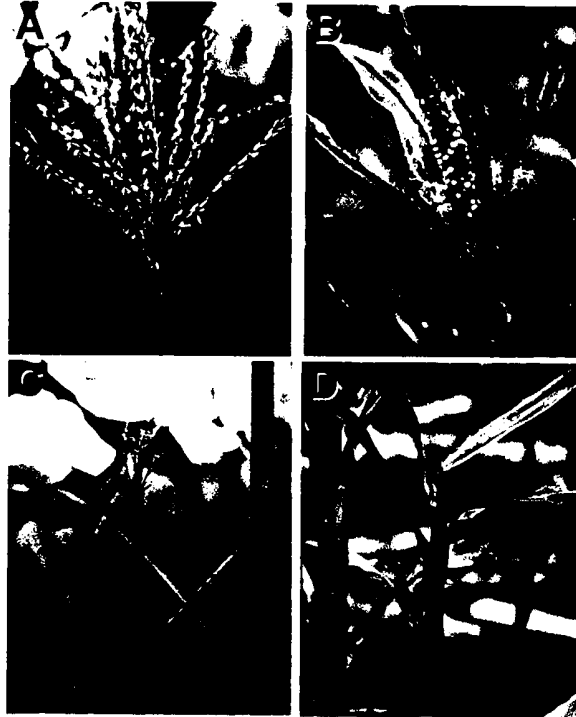


Figure 11

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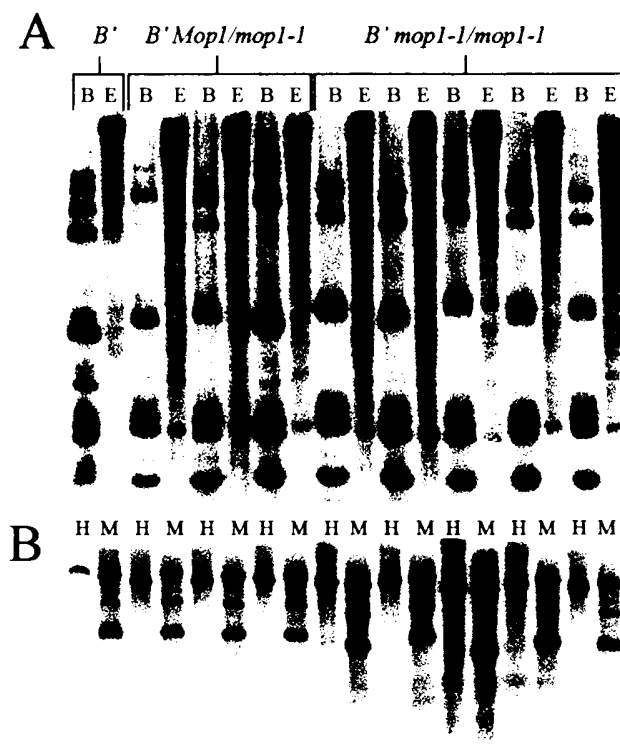


Figure 12

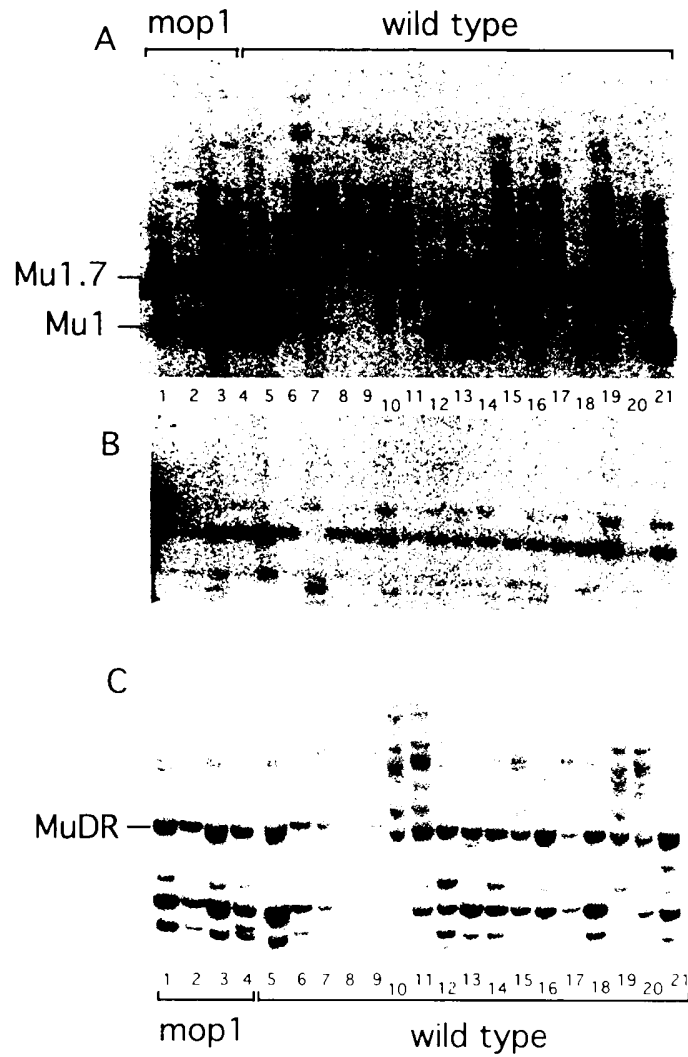


Figure 13

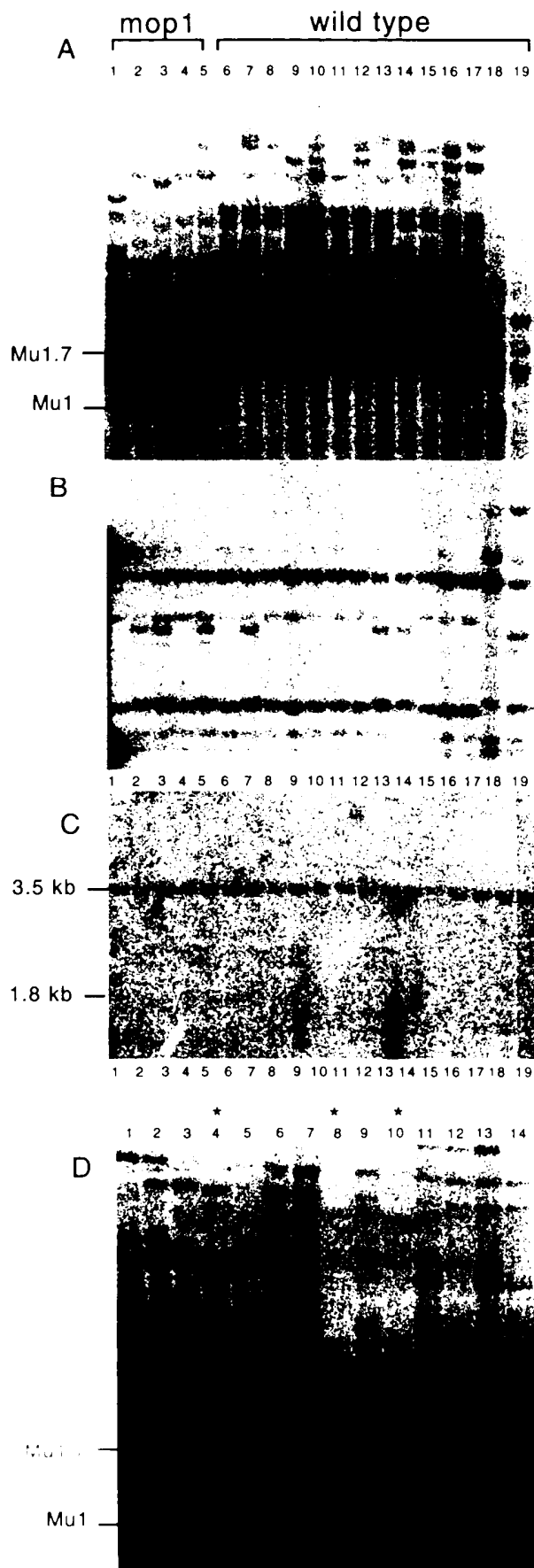


Figure 14

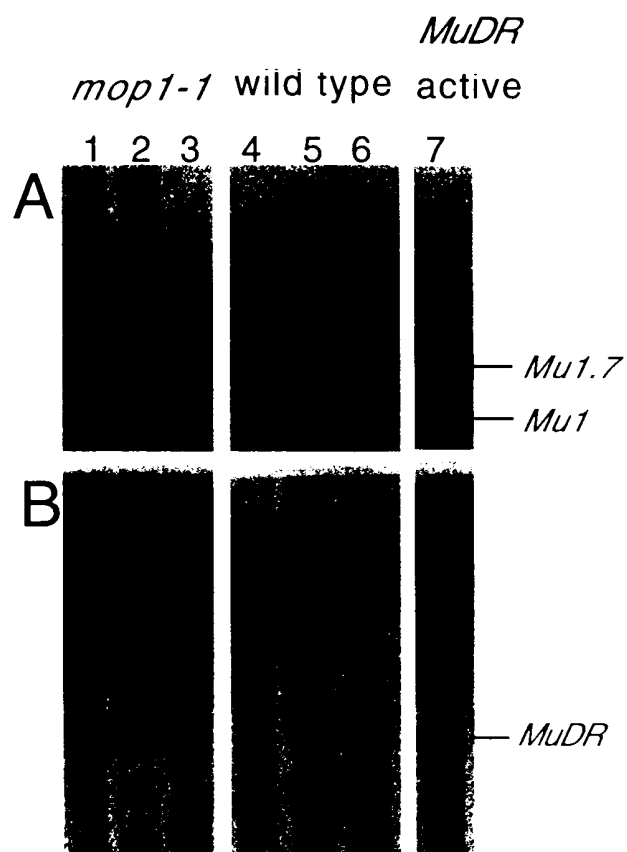


Figure 15

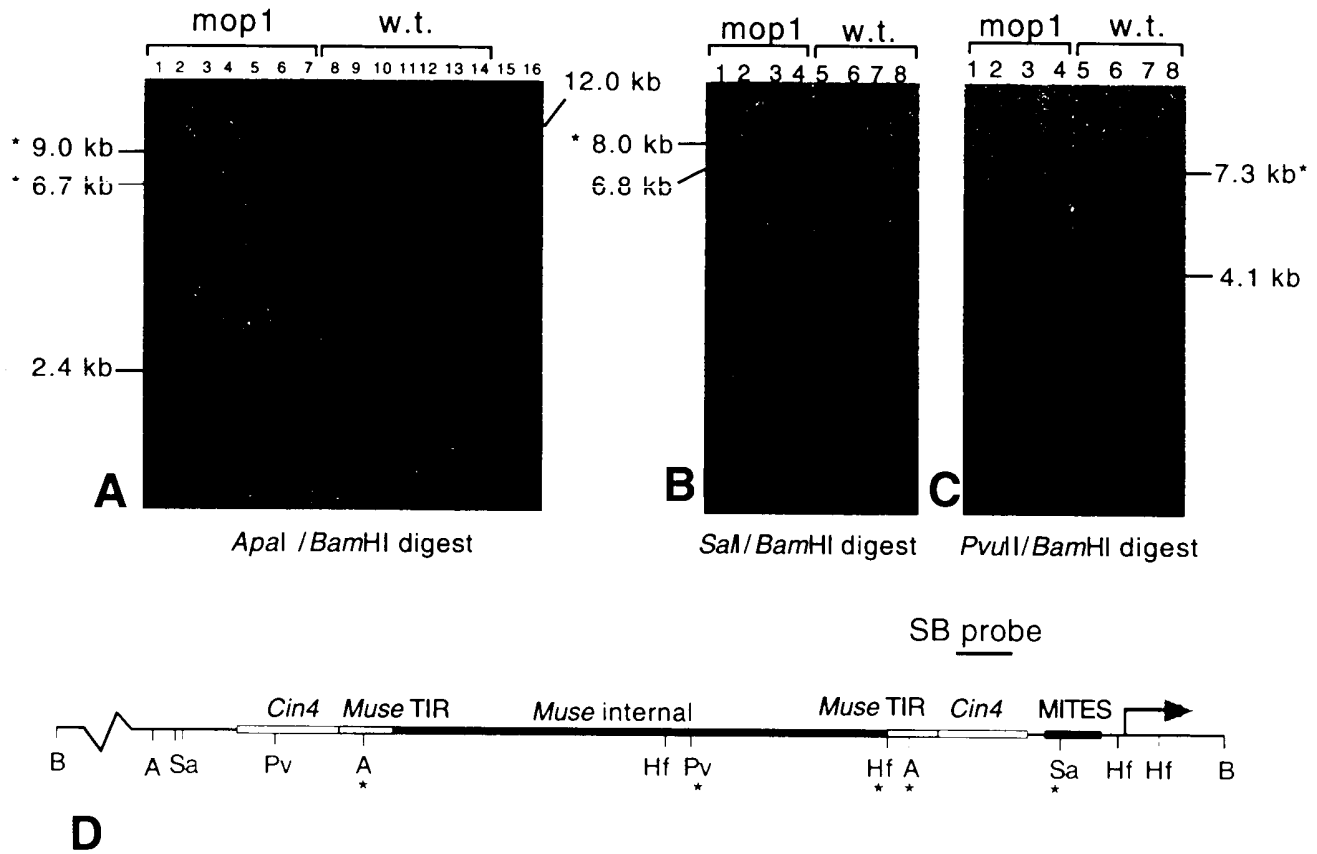


Figure 16

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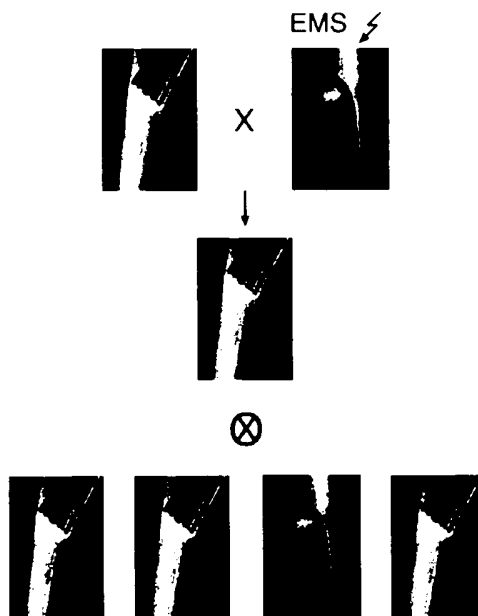


Figure 17

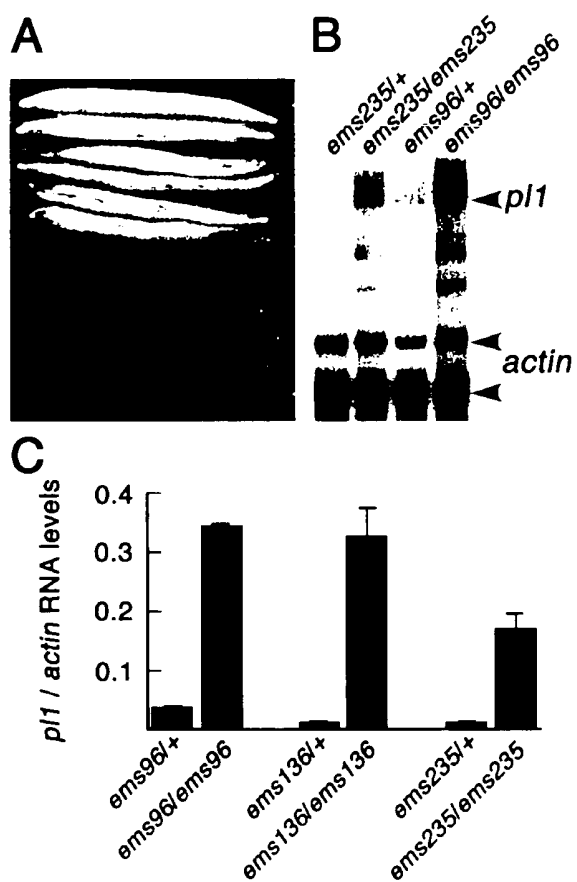


Figure 18

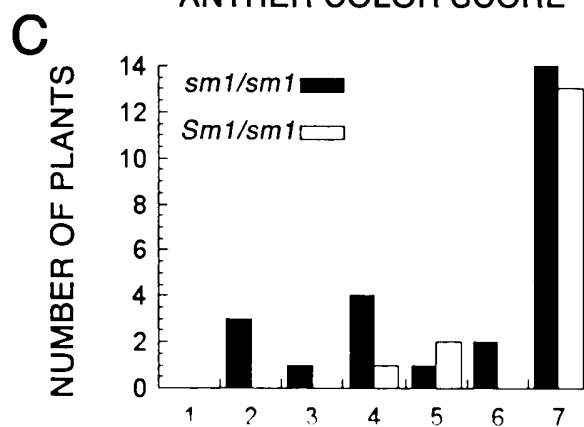
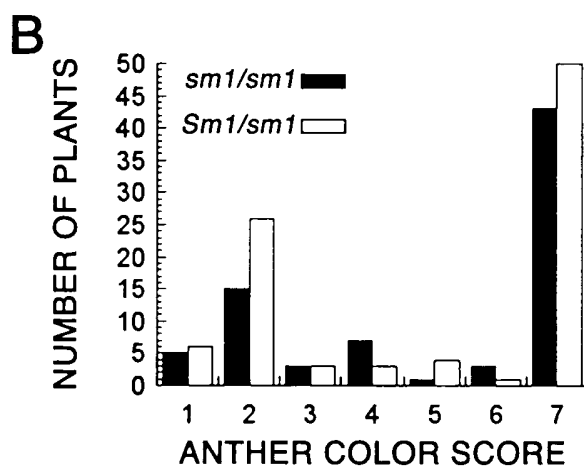
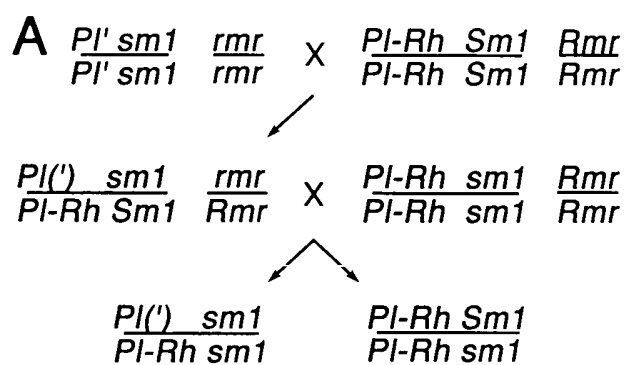


Figure 19

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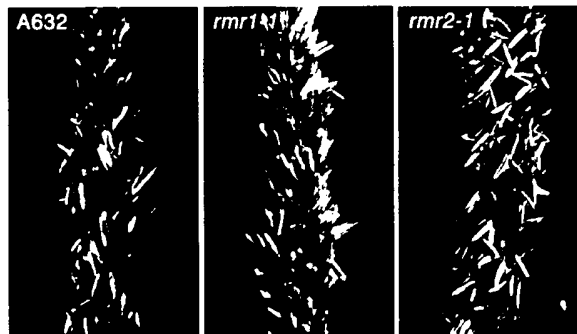


Figure 20

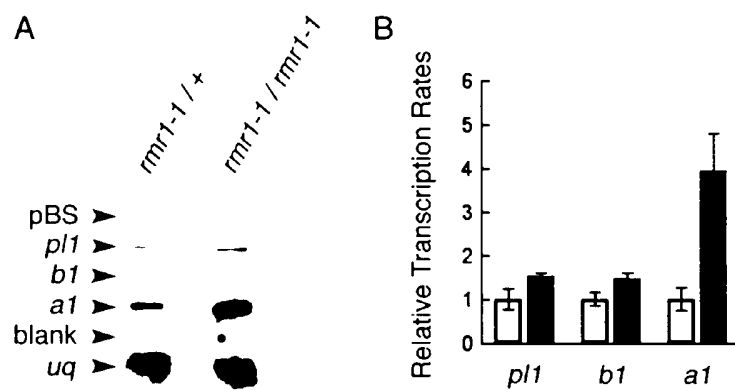


Figure 21

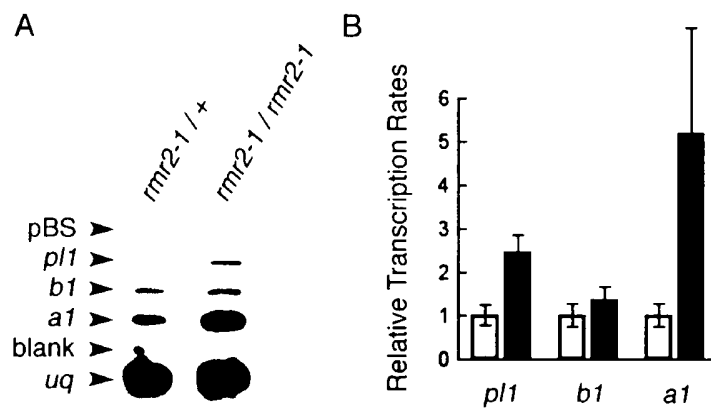


Figure 22

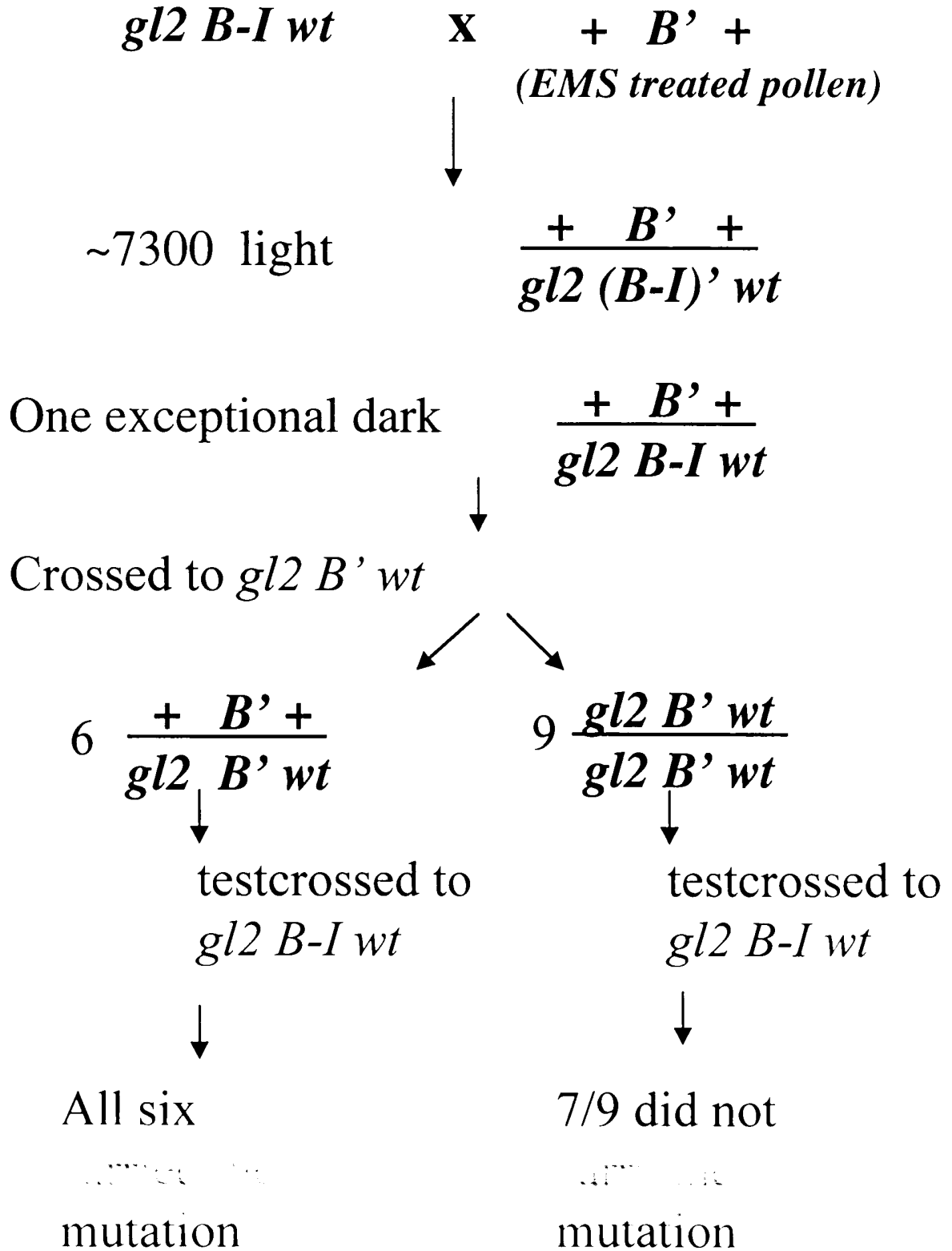


Figure 23

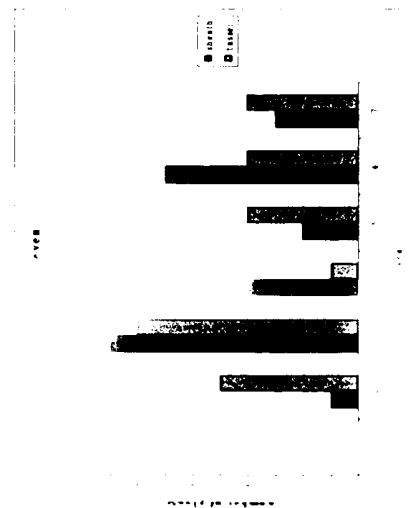
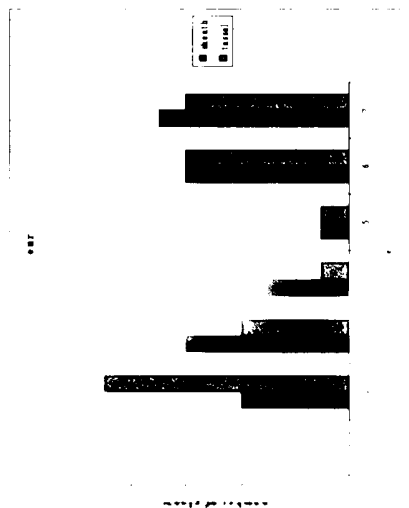
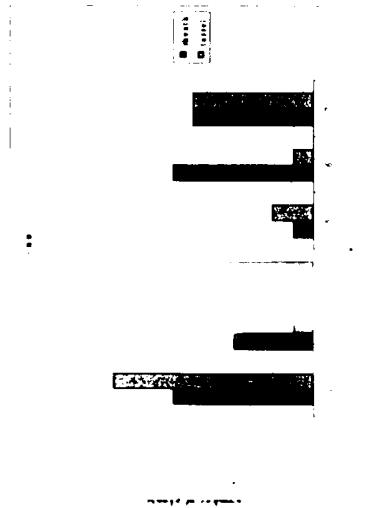
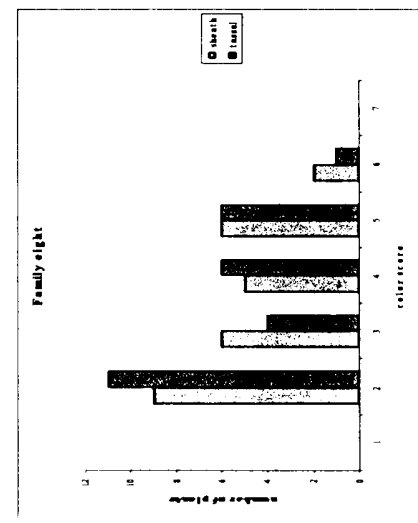
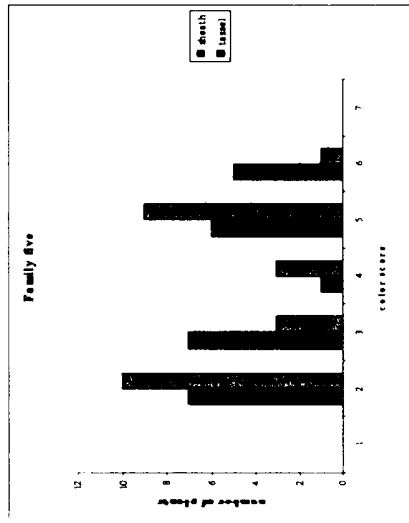
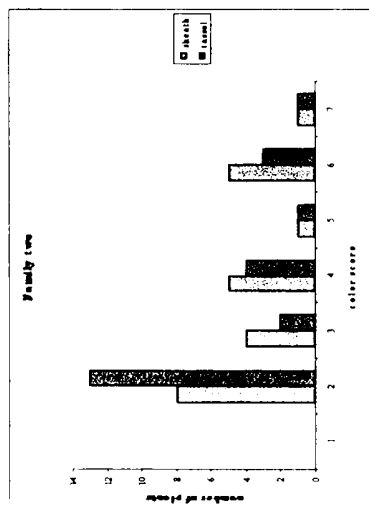
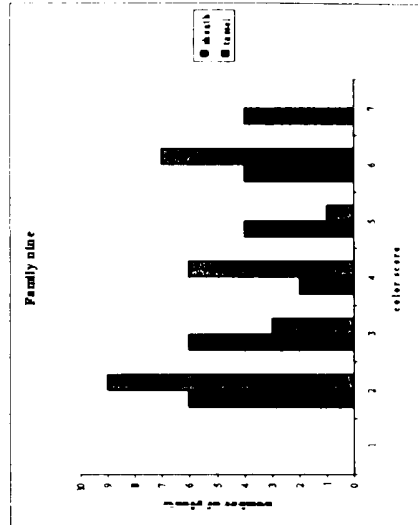
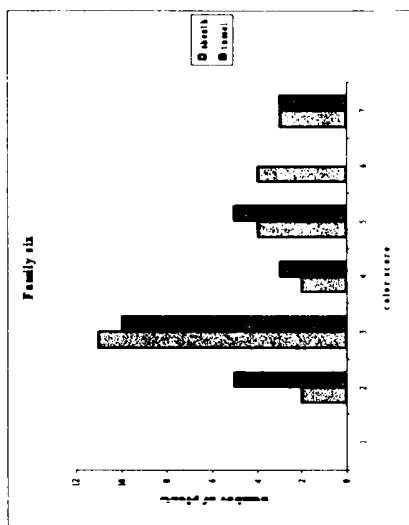
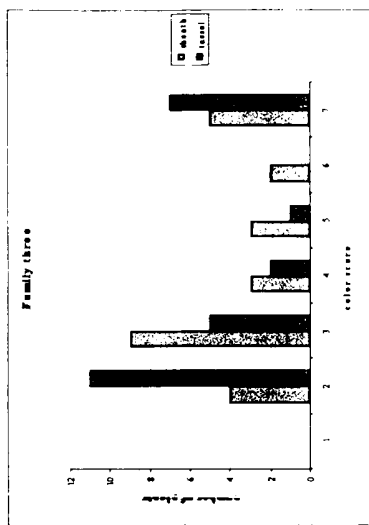


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Figure 25

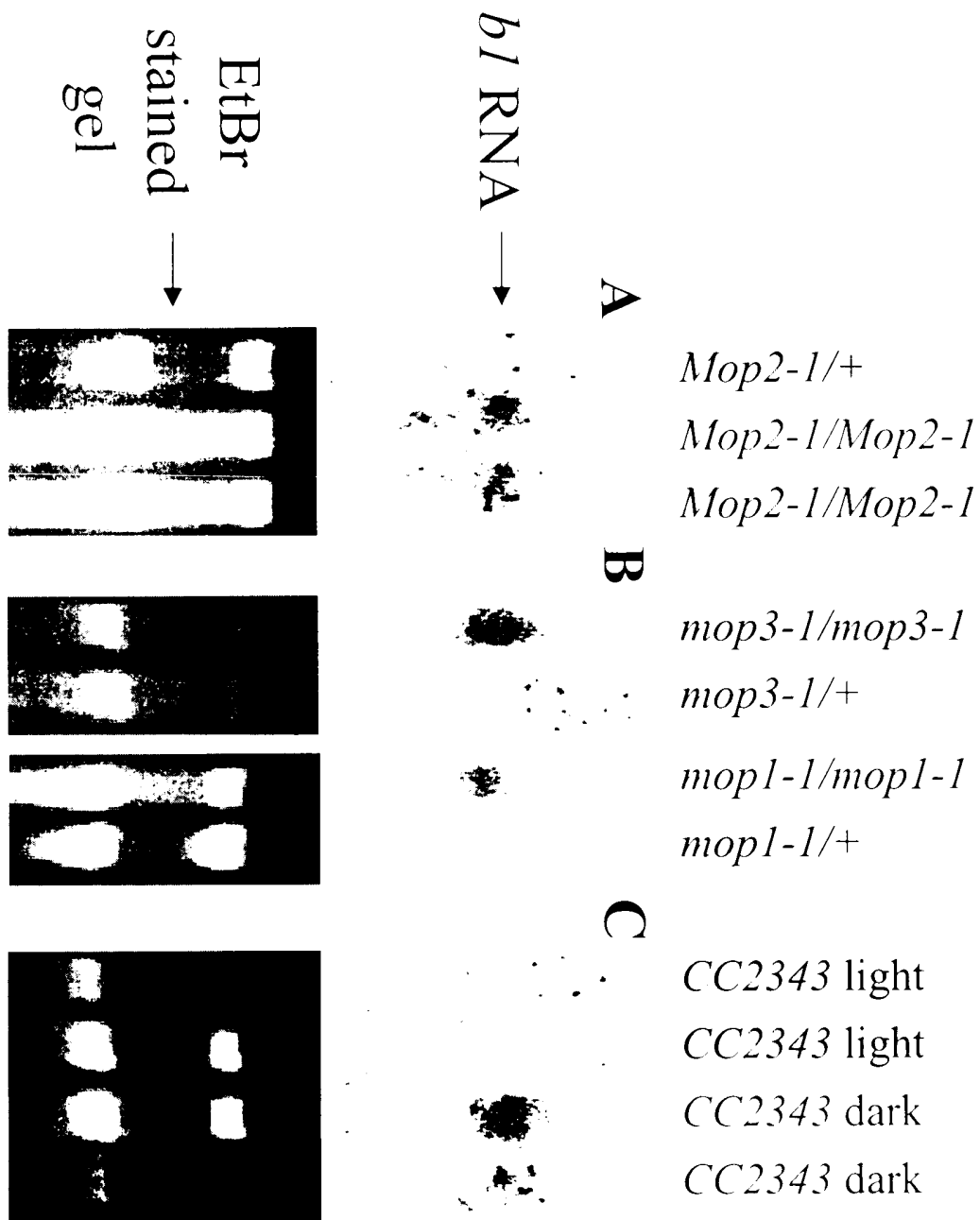


Figure 26



D



C



B



A



F



E

Figure 27

35Sb₁gen



BBk₅



Figure 28

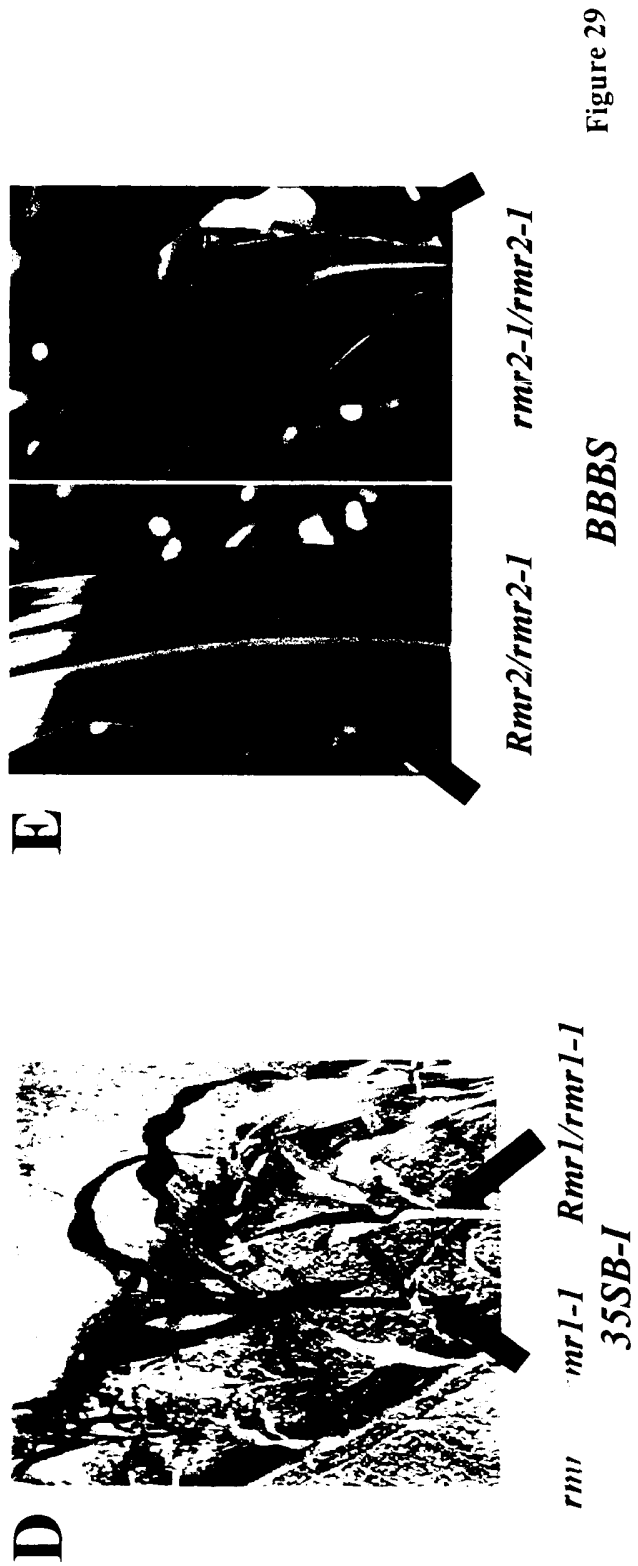
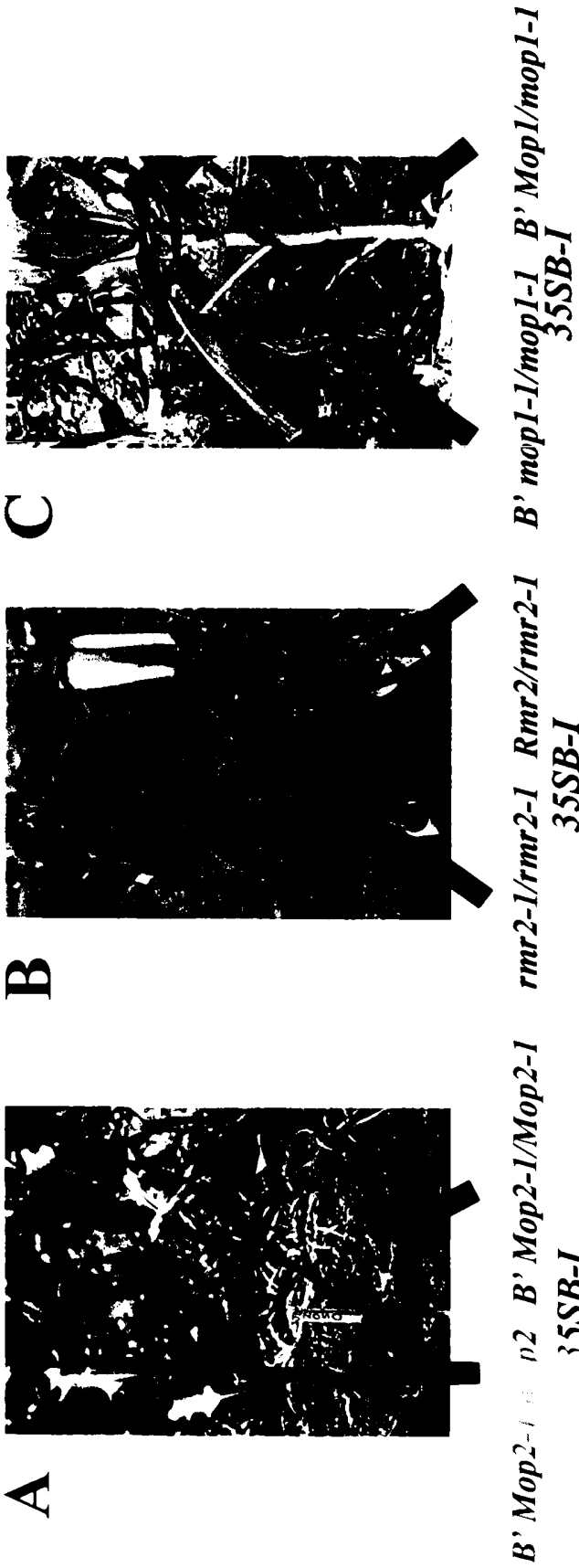


Figure 29

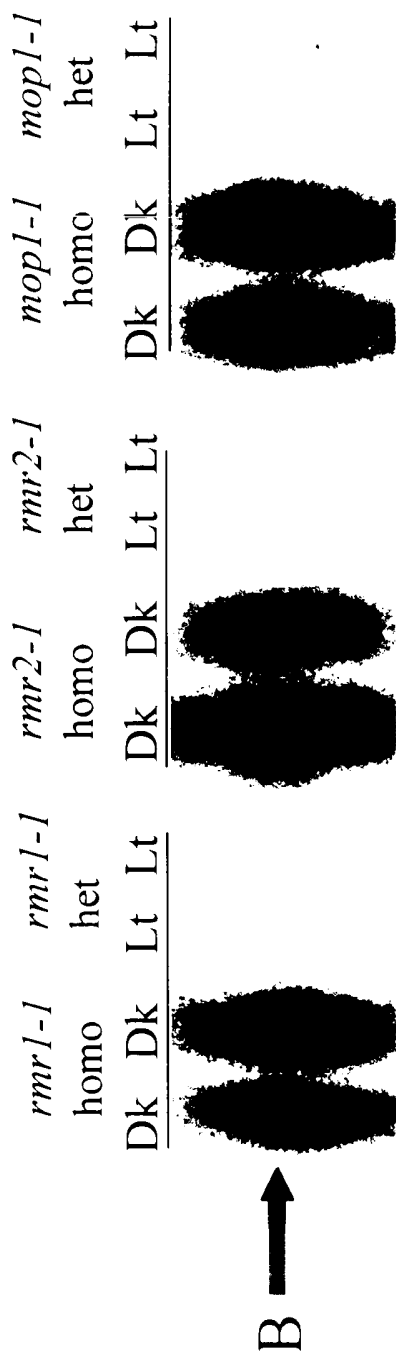


Figure 30

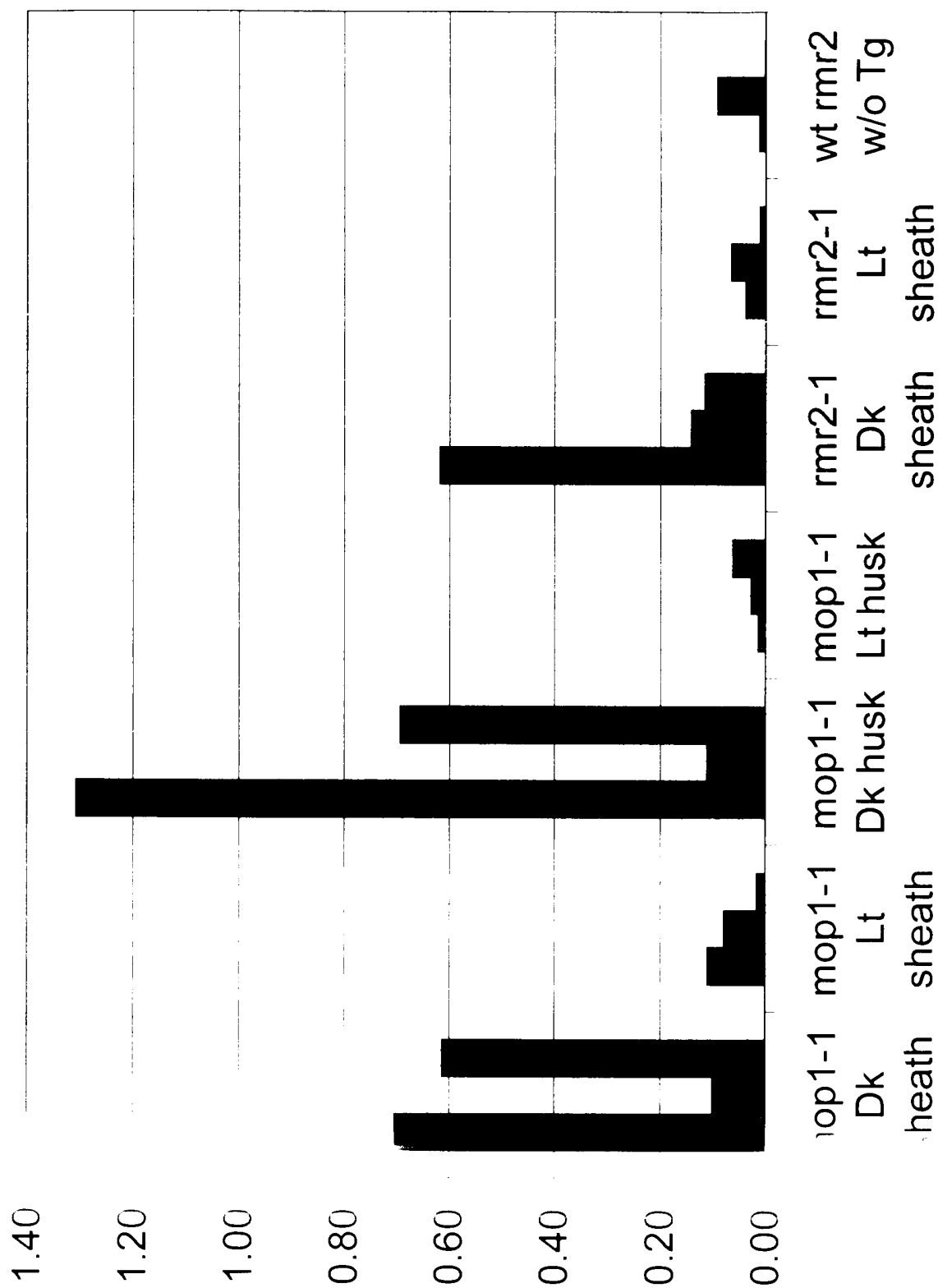


Figure 31

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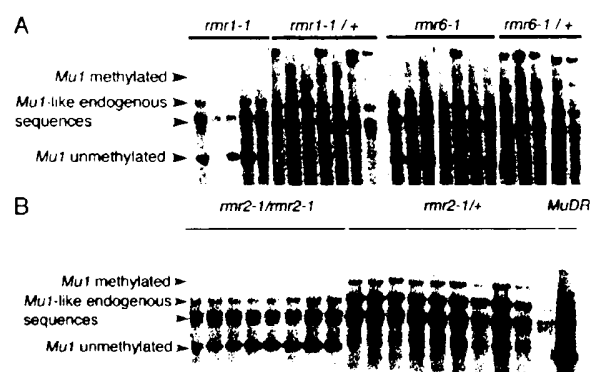


Figure 32

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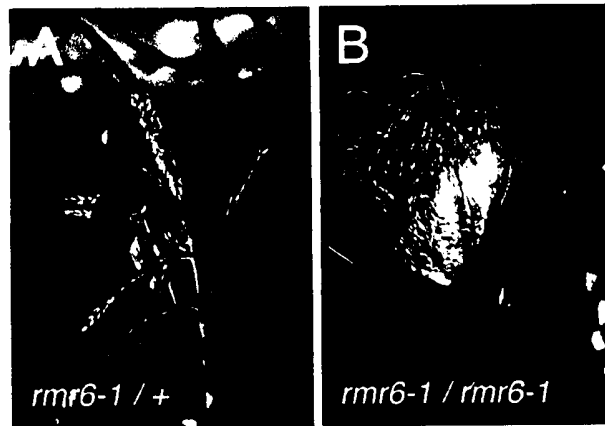


Figure 33

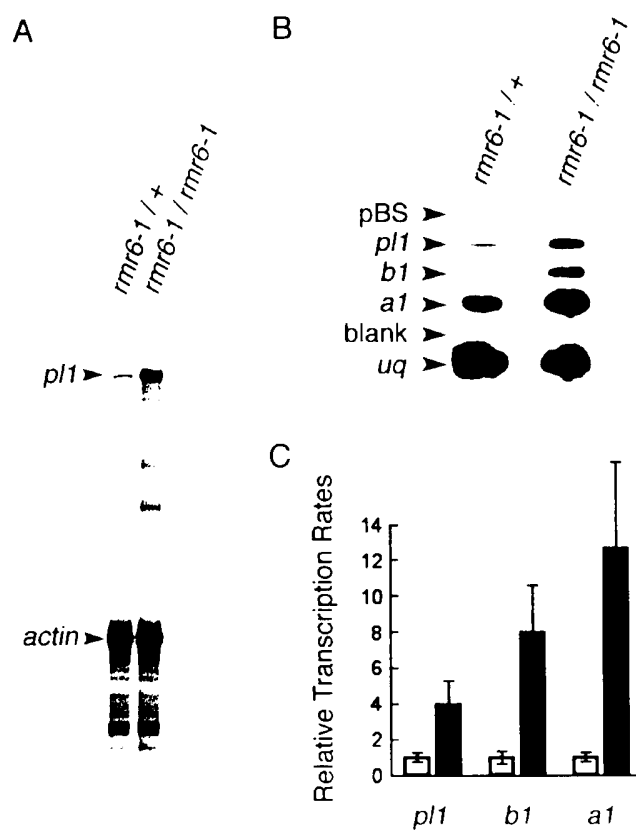


Figure 34